



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Renu Wadhwa et al. Art Unit : 1644
Serial No. : 10/725,906 Examiner : Michail A. Belyavskyi
Filed : December 1, 2003
Title : PROTEIN AND GENE INVOLVED IN MYOCYTE DIFFERENTIATION

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached form PTO-1449. Some of the references were previously cited in a Form PTO-1449 filed December 1, 2003. The Office Action mailed July 7, 2005, indicated that this Form PTO-1449, by not including a copy of each cited document, fails to comply with 37 C.F.R. § 1.98(a)(2). Applicants point out that, as noted in the transmittal letter sent on December 1, 2003, the Form PTO-1449 in question merely listed documents that had been cited in the parent application (USSN 09/684,579). Under 37 C.F.R. § 1.98(d), it is unnecessary to provide copies of references previously submitted in an earlier application. However, for the Examiner's convenience, the references are submitted herewith.

This application is a divisional application of Serial No. 09/684,579, now issued as U.S. Patent No. 6,670,450. Applicants wish to bring to the Examiner's attention co-pending Non-Provisional Application 10/725,876, filed December 1, 2003, which is also a divisional of Serial No. 09/684,579.

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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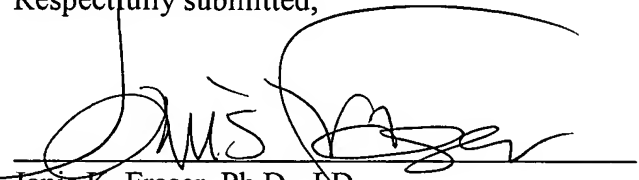
Attorney's Docket No.: 14875-066002 / C2-903PCT-
USD1

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action. A check for \$180 in payment of the late submission fee § 1.17(p) is enclosed. Apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 14875-066002.

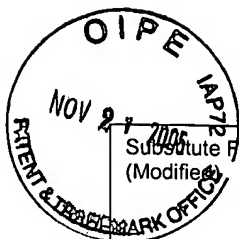
Respectfully submitted,

Date:

Nov. 18, 2005


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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06501-066002	Application No. 10/725,906
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Renu Wadhwa et al.	
		Filing Date December 1, 2003	Group Art Unit

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AA	Abaza M.S. et al., "Effects of Amino Acid Substitutions Outside an Antigenic Site on Protein Binding to Monoclonal Antibodies of Predetermined Specificity Obtained by Peptide Immunization: Demonstration with Region 94-100 (Antigenic Site 3) of Myoglobin" J. Protein Chem., 11(5):433-444 (1992)
	AB	Colman P.M., "Effects of amino acid sequence changes on antibody-antigen interactions" Res. Immunol., 145(1):33 - 36 (1991)
	AC	Lederman S. et al. "A single amino acid substitution in a common Africa allele of the CD4 molecule ablates binding of the monoclonal antibody, OKT4" Mol. Immunol., 28(11): 1171 -1181 (1991)
	AD	Whisstock J.C. et. al., "Prediction of protein function from protein sequence and structure" 36(3): 307-340 (2003)
	AE	Wadhwa, R. et al., "Cloning and characterization of a Novel Gene, <i>striamin</i> , That Interacts with the Tumor Suppressor Protein p53*", J. Biol. Chem., 274:14948-14955, 1999
	AF	Soddu, S. et al., "Interference with p53 Protein Inhibits Hematopoietic and Muscle Differentiation", J. Cell Biol., 134:193-204, 1996
	AG	Puri, P.L. et al., "Uncoupling of p21 Induction and MyoD Activation Results in the Failure of Irreversible Cell Cycle Arrest in Doxorubicin-Treated Myocytes", J. Cell. Biochem., 66:27-36, 1997
	AH	Cerone, M.A. et al., "p53 is Involved in the Differentiation But Not in the Differentiation-Associated Apoptosis of Myoblasts", Cell Death and Differentiation, 7:506-508, 2000
	AI	Liu, C. et al., "MyoD-Dependent Induction During Myoblast Differentiation of p204, a Protein Also Inductible by Interferon", Cell. Biol., 20:7024-7036, 2000
	AJ	Perry, R.L. et al., "Molecular Mechanisms Regulating Myogenic Determination and Differentiation", Front. Biosci., 5:750-767, 2000
	AK	White, J.D. et al., "Myotube Formation is Delayed but not Prevented in MyoD-deficient Skeletal Muscle: Studies in Regenerating Whole Muscle Grafts of Adult Mice", J. Histochem. Cytochem., 48:1531-1543, 2000
	AL	Puri, P.L. et al., "Regulation of Muscle Regulatory Factors by DNA-binding, Interacting Proteins, and Post-Transcriptional Modifications", J. Cell. Physiol., 185:155-173, 2000
	AM	Tintignac, L. et al., "Concise Explanation of the French Reference", Bull. Cancer, 87:521, 2000 (Attached a Concise Explanation of the French Reference)
	AN	Olson, E.N. et al., "bHLH factors in Muscle Development: Dead Lines and Commitment, What to Leave in and What to Leave Out", Genes & Dev., 8:1-8, 1994

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06501-066002	Application No. 10/725,906
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Renu Wadhwa et al.	
		Filing Date December 1, 2003	Group Art Unit

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	BA	Weintraub, H. et al., "The <i>myoD</i> Gene Family: Nodal Point During Specification of the Muscle Cell Lineage", <i>Science</i> , 251:761-766, 1991
	BB	Emerson, C.P. jr., "Skeletal Myogenesis: Genetics and embryology to the Fore", <i>Curr. Opin. Genet. Dev.</i> , 3:265-274, 1993
	BC	Shiio, Y. et al., "Activation of the Retinoblastoma Gene Expression by Bcl-3: Implication for Muscle Cell Differentiation", <i>Oncogene</i> , 12:1837-1845, 1996
	BD	Wang, J. et al., "Rb Functions to Inhibit Apoptosis During Myocyte Differentiation", <i>Cancer Research</i> , 57:351-354, 1997
	BE	Guo, K. et al., "MyoD-Induced Expression of p21 Inhibits Cyclin-Dependent Kinase Activity upon Myocyte Terminal Differentiation", <i>Cell Biol.</i> , 15:3823-3829, 1995
	BF	Kiess, M. et al., "Expression of the Positive Regulator of Cell Cycle Progression, Cyclin D3, is Induced During Differentiation of Myoblasts into Quiescent Myotubes", <i>Oncogene</i> , 10:159-166, 1995
	BG	Song, K.S. et al., "Expression of Caveolin-3 in Skeletal, Cardiac, and Smooth Muscle Cells", <i>Biol. Chem.</i> , 271:15160-15165, 1996
	BH	Kostrominova, T.Y. et al., "Temporal and Spatial Appearance of α -Dystroglycan in Differentiated Mouse Myoblasts in Culture", <i>J. Cell. Biochem.</i> , 58:527-534, 1995
	BI	Takagi, H. et al., "Overexpression of DNA Methyltransferase In Myoblast Cells Accelerates Myotube Formation", <i>Eur. J. Biochem.</i> , 231:282-291, 1995
	BJ	Wadhwa, R. et al., "Protein Markers for Cellular Mortality and Immortality", <i>Mutat. Res.</i> , 256:243-254, 1991
	BK	Rabbits, T.H. et al. "fusion of the dominant Negative Transcription Regulator CHOP with a Novel Gene FUS by Translocation t(12;16) in Malignant Liposarcoma", <i>Nat. Genet.</i> , 4:175-180, 1993
	BL	Kuroda, M. et al., "Chimeric TLS/FUS-CHOP Gene Expression and the Heterogeneity of its Junction in Human Myxoid and Round Cell Liposarcoma", <i>J. Pathol.</i> , 147:1221-1227, 1995
	BM	Blake, D.J. et al., "G-Utrophin, the Autosomal Homologue of Dystrophin Dp116, is Expressed in Sensory Ganglia and Brain, <i>Proc. Natl. Acad. Sci. USA.</i> , 92:3697-3701, 1995
	BN	Love, D.R. et al., "An Autosomal Transcript in Skeletal Muscle with Homology to Dystrophin", <i>Nature</i> , 339:55-58, 1989
	BO	Doerks (1998) TIG 14(6):248-250
	BP	Aldrich et al. (1994) Cell 79:649-658

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	